

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	83	(US-20030078471-\$ or US-20060020162-\$ or US-20060184048-\$ or US-20050107667-\$ or US-20020091300-\$ or US-20030083554-\$ or US-20020022870-\$ or US-20010023311-\$).did. or (US-6200311-\$ or US-5657429-\$ or US-6306085-\$ or US-6676597-\$ or US-5882206-\$ or US-6936001-\$ or US-5256132-\$ or US-6511416-\$ or US-5730704-\$ or US-5558665-\$ or US-6113556-\$ or US-5667480-\$ or US-6338712-\$ or US-4457300-\$ or US-6210323-\$ or US-6019722-\$ or US-5217454-\$ or US-5748767-\$ or US-5913876-\$ or US-6383134-\$ or US-6325808-\$ or US-4904012-\$ or US-6394948-\$ or US-6685632-\$ or US-5800342-\$ or US-6740029-\$).did. or (US-5470320-\$ or US-5885271-\$ or US-6338710-\$ or US-5865730-\$ or US-6238334-\$ or US-6398726-\$ or US-5787897-\$ or US-6447443-\$ or US-6248062-\$ or US-6517563-\$ or US-5431645-\$ or US-5713951-\$ or US-6963792-\$ or US-4461284-\$ or US-6506149-\$ or US-6254525-\$ or US-5336252-\$ or US-6663641-\$ or US-6063021-\$ or US-5452733-\$ or US-6607479-\$ or US-5799661-\$ or US-6193652-\$ or US-5984864-\$ or US-6478728-\$ or US-6740028-\$ or US-5437651-\$).did. or (US-6027497-\$ or US-6032672-\$ or US-5019086-\$ or US-5196003-\$ or US-6019756-\$ or US-5797960-\$ or US-5800178-\$ or US-6558314-\$ or US-4047532-\$ or US-6875171-\$ or US-6174307-\$ or US-5571074-\$ or US-6007486-\$ or US-6394951-\$ or US-5704791-\$ or US-5582580-\$ or US-5791908-\$ or US-5490819-\$ or US-6254532-\$ or US-5800177-\$).did. or (WO-200010466-\$ or US-5553198-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/07 19:11
S2	16	US-5875782-\$ DID. OR US-6120436-\$ DID. OR US-6331158-\$ DID. OR US-6558318-\$ DID. OR US-5727569-\$ DID. OR US-5782746-\$ DID. OR US-6071295-\$ DID. OR US-6602183-\$ DID. OR US-6464630-\$ DID. OR US-6394948-\$ DID. OR US-5836311-\$ DID. OR US-5927284-\$ DID. OR US-6015378-\$ DID. OR US-6464629-\$ DID. OR US-6471644-\$ DID. OR US-6210323-\$ DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/21 18:57
S3	16	2002/0045888	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:10
S4	3	"20020045888"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 18:58
S5	3	2002/0095067	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:12

EAST Search History

S6		2	"20020095067"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:12
S7		0	2002/0013809	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 18:58
S8		2	"20020013809"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:12
S9		2	US-5865730-\$.DID. OR US-6019722-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/21 19:13
S10		23318	(128/897 128/898 128/899 600/16 600/36 600/37 600/103 600/114 600/121 600/125 600/127 600/129 600/153 600/160 600/201 600/204 600/205 600/210 600/213 600/215 600/216 600/217 600/218 600/219 600/227 600/228 600/229 600/230 600/231 600/232 600/233 600/234 600/235 604/164 604/264 604/272 604/280 606/2 606/7 606/13 606/14 606/15 606/16 606/32 606/41 606/129 606/139 606/167 606/185 606/191 606/232 606/233 606/234).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 13:37
S11		23318	(128/897 128/898 128/899 600/16 600/36 600/37 600/103 600/114 600/121 600/125 600/127 600/129 600/153 600/160 600/201 600/204 600/205 600/210 600/213 600/215 600/216 600/217 600/218 600/219 600/227 600/228 600/229 600/230 600/231 600/232 600/233 600/234 600/235 604/164 604/264 604/272 604/280 606/2 606/7 606/13 606/14 606/15 606/16 606/32 606/41 606/129 606/139 606/167 606/185 606/191 606/232 606/233 606/234).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:36

EAST Search History

S13	122	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$).did. or (US-5553198-\$ or WO-200030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/21 19:30
S14	18	S13 AND (vacuum) WITH (lumen or conduit or tube) (vacuum) WITH(port or inlet or outlet)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 19:31
S15	37	S13 AND (vacuum or suction) WITH (lumen or conduit or tube) (vacuum or suction) WITH(port or inlet or outlet)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 19:32
S16	37	S13 AND (vacuum or suction) WITH (lumen or conduit or tube) (vacuum or suction) WITH (port or inlet or outlet)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 19:32
S17	40	S13 AND (vacuum or suction) SAME (lumen or conduit or tube) (vacuum or suction) SAME (port or inlet or outlet)	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/21 19:32
S18	7	S13 AND (vacuum or suction) SAME (lumen or conduit or tube) (vacuum or suction) SAME (port or inlet or outlet) leak	US-PGPUB; USPAT; USOCR	AND	ON	2006/09/26 16:09
S20	86	S11 AND ((vacuum or suction) WITH (leak))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:52

EAST Search History

S21	0	"10807888"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:37
S22	1	"10/807888"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:40
S23	9462	((vacuum or suction) WITH (leak)) AND (medical or surgical or surgery or operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 19:53
S24	802	((vacuum or suction) WITH (leak)) SAME (flexible or relax or relaxed or flexed or limp)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 20:43
S25	37	((vacuum or suction) WITH (leak)) SAME (flexible or relax or relaxed or flexed or limp) AND (organ or tissue or bone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 20:01
S26	17	((vacuum or suction) WITH (leak)) SAME (flexible or relax or relaxed or flexed or limp) AND (surgery)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 20:03
S27	1914	((vacuum or suction) WITH (flexible or (rigid or tension))) SAME (flexible or relax or relaxed or flexed or limp) AND (surgery)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 16:17
S28	243	((vacuum or suction) WITH (leak)) SAME (bend or bent or bending)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 12:34

EAST Search History

S29	130	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$ or US-20040171917-\$ or US-20040002632-\$ or US-20060100556-\$ or US-20010005775-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$ or US-7001331-\$ or US-5267996-\$ or US-5257991-\$ or US-5620447-\$).did. or (US-5553198-\$ or WO-200030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.		US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/25 12:34
S30	68	S29 AND (cable or wire) AND (vacuum or suction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 13:30	
S31	0	("2004/0171917").URPN.	USPAT	ADJ	ON	2006/09/25 13:05	
S32	1031	David.in. Paul.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 13:05	

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S33	2	David.in. Paul.in. J.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 13:05
S34	2092	David.in. Paul.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/25 13:06
S35	115	David.in. Paul.in. AND stabilizer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/25 13:06
S36	35	David.in. Paul.in. AND stabilizer AND (vacuum or suction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/09/25 13:06
S37	41	S30 AND (seal or leak)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 14:33
S38	6	S30 AND ((seal or leak) SAME (cable or wire or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 14:34
S39	17	S29 AND ((seal or leak) SAME (cable or wire or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 14:38

EAST Search History

S40	136	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$ or US-20040171917-\$ or US-20040002632-\$ or US-20060100556-\$ or US-20010005775-\$ or US-20040143168-\$ or US-20040092799-\$ or US-20040030223-\$ or US-20020099268-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$ or US-7001331-\$ or US-5267996-\$ or US-5257991-\$ or US-5620447-\$).did. or (US-6758808-\$ or US-6626830-\$).did. or (US-5553198-\$ or WO-200030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/25 14:38
S41	17	S40 AND ((seal or leak) SAME (cable or wire or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 14:40
S42	5793	((vacuum or suction) WITH (seal or leak) SAME (cable or wire or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 15:20

EAST Search History

S43	23318	(128/897 128/898 128/899 600/16 600/36 600/37 600/103 600/114 600/121 600/125 600/127 600/129 600/153 600/160 600/201 600/204 600/205 600/210 600/213 600/215 600/216 600/217 600/218 600/219 600/227 600/228 600/229 600/230 600/231 600/232 600/233 600/234 600/235 604/164 604/264 604/272 604/280 606/2 606/7 606/13 606/14 606/15 606/16 606/32 606/41 606/129 606/139 606/167 606/185 606/191 606/232 606/233 606/234).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 15:20
S44	79	S43 AND ((vacuum or suction) WITH (seal or leak) SAME (cable or wire or tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 15:30
S45	138	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$ or US-20040171917-\$ or US-20040002632-\$ or US-20060100556-\$ or US-20010005775-\$ or US-20040143168-\$ or US-20040092799-\$ or US-20040030223-\$ or US-20020099268-\$ or US-20040116897-\$ or US-20030204129-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$ or US-7001331-\$ or US-5267996-\$ or US-5257991-\$ or US-5620447-\$).did. or (US-6758808-\$ or US-6626830-\$).did. or (US-5553198-\$ or WO-200030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/25 15:36

EAST Search History

S46	39	S45 AND sheath	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 15:57
S47	107	("0452131" "3577982" "3720433" "3783873" "3786815" "3858926" "3916909" "3951138" "3983863" "3999795" "4047532" "4049002" "4096864" "4306561" "4314568" "4350160" "4366819" "4368736" "4447227" "4463980" "4627421" "4637377" "4646747" "4688570" "4711247" "4718418" "4726356" "4736749" "4767142" "4808163" "4854318" "4865019" "4892343" "4904012" "4925443" "4955896" "4962758" "4973300" "4989587" "4991578" "5009660" "5011469" "5053041" "5098369" "5108412" "5119804" "5131905" "5133737" "5167223" "5171254" "5207467" "5287861" "5290082" "5300087" "5324087" "5336252" "5365921" "5372124" "5374277" "5383840" "5417709" "5425705" "5437651" "5452733" "5472438" "5509890" "5545123" "5556147" "5607421" "5613937" "5667624" "5702420" "5727569" "5749892" "5782746" "5799661" "5807243" "5827216" "5836311" "5865730" "5875782" "5876332" "5885271" "5891017" "5894843" "5906607" "5927284" "5957835" "5967972" "5976080" "5984864" "6007486" "6015378" "6019722" "6030340" "6032672" "6033362" "6036641" "6063021" "6071235" "6102854" "6110187" "6113534" "6139492" "6338712" "6464629").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/25 15:41
S48	0	"10807888"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/25 15:41
S49	1	"10/807888"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/25 15:41
S50	69	S45 AND (sheath or sleeve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/25 15:57

EAST Search History

S51	142	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$ or US-20040171917-\$ or US-20040002632-\$ or US-20060100556-\$ or US-20010005775-\$ or US-20040143168-\$ or US-20040092799-\$ or US-20040030223-\$ or US-20020099268-\$ or US-20040116897-\$ or US-20030204129-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$ or US-7001331-\$ or US-5267996-\$ or US-5257991-\$ or US-5620447-\$).did. or (US-6758808-\$ or US-6626830-\$ or US-6030340-\$ or US-5976080-\$ or US-5967972-\$ or US-5894843-\$).did. or (US-5553198-\$ or WO-200030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/26 13:36
S52	70	SS1 AND (spread or spreader or spreading)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/26 13:22
S53	23330	(128/897 128/898 128/899 600/16 600/36 600/37 600/103 600/114 600/121 600/125 600/127 600/129 600/153 600/160 600/201 600/204 600/205 600/210 600/213 600/215 600/216 600/217 600/218 600/219 600/227 600/228 600/229 600/230 600/231 600/232 600/233 600/234 600/235 604/164 604/264 604/272 604/280 606/2 606/7 606/13 606/14 606/15 606/16 606/32 606/41 606/129 606/139 606/167 606/185 606/191 606/232 606/233 606/234).ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 13:37

EAST Search History

S54	96	S53 AND (spread or spreader or spreading) WITH (vacuum or suction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 14:29
S55	213	S53 AND (sheath or sleeve) WITH (vacuum or suction) WITH (head or arm or end or pod or branch or leg or extension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 15:13
S56	85	S53 AND (spread or spreader or spreading) SAME (vacuum or suction) WITH (head or arm or end or pod or branch or leg or extension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 15:00
S57	102	S53 AND (sheath or sleeve) WITH (vacuum or suction) NEAR3 (head or arm or end or pod or branch or leg or extension)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/26 15:13

EAST Search History

S58	158	(US-20020022870-\$ or US-20060020162-\$ or US-20020091300-\$ or US-20040138522-\$ or US-20020095067-\$ or US-20050215851-\$ or US-20030083554-\$ or US-20010023311-\$ or US-20020045888-\$ or US-20050107667-\$ or US-20020013809-\$ or US-20060184048-\$ or US-20030078471-\$ or US-20040171917-\$ or US-20040002632-\$ or US-20060100556-\$ or US-20010005775-\$ or US-20040143168-\$ or US-20040092799-\$ or US-20040030223-\$ or US-20020099268-\$ or US-20040116897-\$ or US-20030204129-\$ or US-20030009081-\$ or US-20020077532-\$ or US-20050096500-\$).did. or (US-20040002625-\$ or US-20040176659-\$).did. or (US-6464630-\$ or US-6394951-\$ or US-6254525-\$ or US-6478728-\$ or US-4461284-\$ or US-6063021-\$ or US-6471644-\$ or US-6875171-\$ or US-6558318-\$ or US-6602183-\$ or US-6511416-\$ or US-5657429-\$ or US-5882206-\$ or US-6027497-\$ or US-5431645-\$ or US-6936001-\$ or US-6325808-\$ or US-5336252-\$ or US-5800342-\$ or US-5667480-\$ or US-5704791-\$ or US-6254532-\$ or US-6740029-\$ or US-6238334-\$ or US-6383134-\$ or US-6019756-\$).did. or (US-6306085-\$ or US-5913876-\$ or US-4047532-\$ or US-5713951-\$ or US-6849071-\$ or US-6607479-\$ or US-6685632-\$ or US-6963792-\$ or US-6007486-\$ or US-5984864-\$ or US-6200311-\$ or US-6468265-\$ or US-5490819-\$ or US-6869437-\$ or US-5727569-\$ or US-5799661-\$ or US-6032672-\$ or US-6506149-\$ or US-5196003-\$ or US-6398726-\$ or US-5571074-\$ or US-6338712-\$ or US-6071295-\$ or US-6558314-\$ or US-6120436-\$ or US-5797960-\$ or US-6594552-\$).did. or (US-6726699-\$ or US-6730021-\$ or US-6793652-\$ or US-6113556-\$ or US-6464629-\$ or US-6817972-\$ or US-6843403-\$ or US-6846307-\$ or US-5217454-\$ or US-6846308-\$ or US-6846309-\$ or US-6663641-\$ or US-5800178-\$ or US-5800177-\$ or US-6981941-\$ or US-5730704-\$ or US-6860877-\$ or US-6879880-\$ or US-7032798-\$ or US-6676597-\$ or US-4457300-\$ or US-4904012-\$ or US-5865730-\$ or US-5437651-\$ or US-6015378-\$ or US-5836311-\$ or US-5875782-\$).did. or (US-6447443-\$ or US-5787897-\$ or US-5927284-\$ or US-6517563-\$ or US-5470320-\$ or US-6210323-\$ or US-5782746-\$ or US-6248062-\$ or US-5452733-\$ or US-5256132-\$ or US-6740028-\$ or US-5582580-\$ or US-5558665-\$ or US-6019722-\$ or US-6338710-\$ or US-5791908-\$ or US-6331158-\$ or US-6174307-\$ or US-6394948-\$ or US-6193652-\$ or US-5019086-\$ or US-5885271-\$ or US-5748767-\$ or US-7001331-\$ or US-5267996-\$ or US-5257991-\$ or US-5620447-\$).did. or (US-6758808-\$ or US-6626830-\$ or US-6030340-\$ or US-5976080-\$ or US-5967972-\$ or US-5894843-\$ or US-6939297-\$ or US-6743170-\$ or US-6726622-\$ or US-6705988-\$ or US-6610008-\$ or US-6589166-\$ or US-6390976-\$ or US-6361493-\$ or US-6730020-\$ or US-6371906-\$ or US-6364826-\$).did. or (US-5553198-\$ or WO-20030551-\$ or WO-200010466-\$ or US-6459926-\$ or US-20020013809-\$ or US-20020095067-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2006/09/26 15:32
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EAST Search History

S59	49	(US-20040138522-\$ or US-20030195393-\$ or US-20030229271-\$ or US-20050101840-\$ or US-20050215851-\$ or US-20020161277-\$ or US-20040167549-\$ or US-20020010416-\$ or US-20020082621-\$ or US-20030083555-\$ or US-20030208206-\$ or US-20030216748-\$ or US-20040138526-\$ or US-20040267303-\$ or US-20050010079-\$).did. or (US-6758809-\$ or US-6866628-\$ or US-5209747-\$ or US-5618296-\$ or US-5782823-\$ or US-5895361-\$ or US-6019756-\$ or US-6464629-\$ or US-6740028-\$ or US-4799494-\$ or US-6117150-\$ or US-4955382-\$ or US-4979510-\$ or US-4994024-\$ or US-5243399-\$ or US-5300022-\$ or US-5423878-\$ or US-5534034-\$ or US-5542432-\$ or US-5620458-\$ or US-5636639-\$ or US-5738680-\$ or US-5746216-\$ or US-5755732-\$ or US-5951488-\$ or US-5989271-\$).did. or (US-6193671-\$ or US-6210323-\$ or US-6319193-\$ or US-6370422-\$ or US-6428498-\$ or US-6679881-\$ or US-6786898-\$ or US-7063693-\$).did.	US-PGPUB; USPAT	ADJ	ON	2006/09/26 17:05
S60	0	"10807888"	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2006/10/02 10:31
S61	1	"10/807888"	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2006/10/02 10:31
S62	486	(bend or bendable) AND (vacuum or suction) WITH (leak)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 20:34
S63	769	(bend or bendable or flexable or flex) AND (vacuum or suction) WITH (leak)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 20:34
S64	475	S63 AND (joint or connector or elongate or arm or articulating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 20:35
S65	140	S64 AND (medical or surgical or surgery or implant or tissue or heart)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/13 20:36

EAST Search History

S66	30	US-20040106918-\$ DID. OR US-20030078470-\$ DID. OR US-2590527-\$ DID. OR US-3577982-\$ DID. OR US-3720433-\$ DID. OR US-3783873-\$ DID. OR US-3786815-\$ DID. OR US-3858926-\$ DID. OR US-3916909-\$ DID. OR US-3951138-\$ DID. OR US-3983863-\$ DID. OR US-3999795-\$ DID. OR US-4047532-\$ DID. OR US-4049000-\$ DID. OR US-4049002-\$ DID. OR US-4096864-\$ DID. OR US-4306561-\$ DID. OR US-4314568-\$ DID. OR US-4350160-\$ DID. OR US-4366819-\$ DID. OR US-4368736-\$ DID. OR US-4428368-\$ DID. OR US-4447227-\$ DID. OR US-4463980-\$ DID. OR US-4627421-\$ DID. OR US-4637377-\$ DID. OR US-4646747-\$ DID. OR US-4688570-\$ DID. OR US-4711247-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 20:37
S67	31	US-4726356-\$ DID. OR US-4736749-\$ DID. OR US-4767142-\$ DID. OR US-4808163-\$ DID. OR US-4852552-\$ DID. OR US-4854318-\$ DID. OR US-4865019-\$ DID. OR US-4892343-\$ DID. OR US-4904012-\$ DID. OR US-4925443-\$ DID. OR US-4955896-\$ DID. OR US-4962758-\$ DID. OR US-4973300-\$ DID. OR US-4989587-\$ DID. OR US-4991578-\$ DID. OR US-5009660-\$ DID. OR US-5011469-\$ DID. OR US-5053041-\$ DID. OR US-5098369-\$ DID. OR US-5108412-\$ DID. OR US-5119804-\$ DID. OR US-5131905-\$ DID. OR US-5133737-\$ DID. OR US-5167223-\$ DID. OR US-5171254-\$ DID. OR US-5207467-\$ DID. OR US-5287861-\$ DID. OR US-5290082-\$ DID. OR US-5300087-\$ DID. OR US-5324087-\$ DID. OR US-5336252-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 20:37
S68	31	US-5372124-\$ DID. OR US-5374277-\$ DID. OR US-5383840-\$ DID. OR US-5417709-\$ DID. OR US-5425705-\$ DID. OR US-5437651-\$ DID. OR US-5452733-\$ DID. OR US-5472438-\$ DID. OR US-5503617-\$ DID. OR US-5509890-\$ DID. OR US-5545123-\$ DID. OR US-5556147-\$ DID. OR US-5607421-\$ DID. OR US-5613937-\$ DID. OR US-5667624-\$ DID. OR US-5702420-\$ DID. OR US-5730757-\$ DID. OR US-5749892-\$ DID. OR US-5772583-\$ DID. OR US-5799661-\$ DID. OR US-5807243-\$ DID. OR US-5827216-\$ DID. OR US-5888247-\$ DID. OR US-5894843-\$ DID. OR US-5906607-\$ DID. OR US-5921979-\$ DID. OR US-5947896-\$ DID. OR US-5976080-\$ DID. OR US-5976171-\$ DID. OR US-6017304-\$ DID. OR US-6032672-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 20:38
S69	27	US-6050266-\$ DID. OR US-6063021-\$ DID. OR US-6071235-\$ DID. OR US-6074375-\$ DID. OR US-6110187-\$ DID. OR US-6132370-\$ DID. OR US-6139492-\$ DID. OR US-6149583-\$ DID. OR US-6152874-\$ DID. OR US-6161543-\$ DID. OR US-6183486-\$ DID. OR US-6206827-\$ DID. OR US-6213941-\$ DID. OR US-6254535-\$ DID. OR US-6290644-\$ DID. OR US-6306085-\$ DID. OR US-6315717-\$ DID. OR US-6328688-\$ DID. OR US-6334843-\$ DID. OR US-6346077-\$ DID. OR US-6350229-\$ DID. OR US-6364826-\$ DID. OR US-6371906-\$ DID. OR US-6379297-\$ DID. OR US-6755780-\$ DID. OR US-6849075-\$ DID. OR US-6905498-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 20:38
S70	8	DE-29708050-\$ DID. OR US-2140695-\$ DID. OR US-2214428-\$ DID. OR US-2233561-\$ DID. OR US-2267827-\$ DID. OR US-8704081-\$ DID. OR US-8800481-\$ DID. OR US-9403142-\$ DID. OR US-9414715-\$ DID. OR US-9501757-\$ DID. OR US-9600033-\$ DID. OR US-9811718-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 20:39
S72	1	vacuum lockable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2007/04/16 12:07

EAST Search History

S73	30	US-20040106918-\$ DID. OR US-20030078470-\$ DID. OR US-2590527-\$ DID. OR US-3577982-\$ DID. OR US-3720433-\$ DID. OR US-3783873-\$ DID. OR US-3786815-\$ DID. OR US-3858926-\$ DID. OR US-3916909-\$ DID. OR US-3951138-\$ DID. OR US-3983863-\$ DID. OR US-3999795-\$ DID. OR US-4047532-\$ DID. OR US-4049000-\$ DID. OR US-4049002-\$ DID. OR US-4096864-\$ DID. OR US-4306561-\$ DID. OR US-4314568-\$ DID. OR US-4350160-\$ DID. OR US-4366819-\$ DID. OR US-4368736-\$ DID. OR US-4428368-\$ DID. OR US-4447227-\$ DID. OR US-4463980-\$ DID. OR US-4627421-\$ DID. OR US-4637377-\$ DID. OR US-4646747-\$ DID. OR US-4688570-\$ DID. OR US-4711247-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 16:12
S74	31	US-4726356-\$ DID. OR US-4736749-\$ DID. OR US-4767142-\$ DID. OR US-4808163-\$ DID. OR US-4852552-\$ DID. OR US-4854318-\$ DID. OR US-4865019-\$ DID. OR US-4892343-\$ DID. OR US-4904012-\$ DID. OR US-4925443-\$ DID. OR US-4955896-\$ DID. OR US-4962758-\$ DID. OR US-4973300-\$ DID. OR US-4989587-\$ DID. OR US-4991578-\$ DID. OR US-5009660-\$ DID. OR US-5011469-\$ DID. OR US-5053041-\$ DID. OR US-5098369-\$ DID. OR US-5108412-\$ DID. OR US-5119804-\$ DID. OR US-5131905-\$ DID. OR US-5133737-\$ DID. OR US-5167223-\$ DID. OR US-5171254-\$ DID. OR US-5207467-\$ DID. OR US-5287861-\$ DID. OR US-5290082-\$ DID. OR US-5300087-\$ DID. OR US-5324087-\$ DID. OR US-5336252-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 16:12
S75	31	US-5372124-\$ DID. OR US-5374277-\$ DID. OR US-5383840-\$ DID. OR US-5417709-\$ DID. OR US-5425705-\$ DID. OR US-5437651-\$ DID. OR US-5452733-\$ DID. OR US-5472438-\$ DID. OR US-5503617-\$ DID. OR US-5509890-\$ DID. OR US-5545123-\$ DID. OR US-5556147-\$ DID. OR US-5607421-\$ DID. OR US-5613937-\$ DID. OR US-5667624-\$ DID. OR US-5702420-\$ DID. OR US-5730757-\$ DID. OR US-5749892-\$ DID. OR US-5772583-\$ DID. OR US-5799661-\$ DID. OR US-5807243-\$ DID. OR US-5827216-\$ DID. OR US-5888247-\$ DID. OR US-5894843-\$ DID. OR US-5906607-\$ DID. OR US-5921979-\$ DID. OR US-5947896-\$ DID. OR US-5976080-\$ DID. OR US-5976171-\$ DID. OR US-6017304-\$ DID. OR US-6032672-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 16:12
S76	27	US-6050266-\$ DID. OR US-6063021-\$ DID. OR US-6071235-\$ DID. OR US-6074375-\$ DID. OR US-6110187-\$ DID. OR US-6132370-\$ DID. OR US-6139492-\$ DID. OR US-6149583-\$ DID. OR US-6152874-\$ DID. OR US-6161543-\$ DID. OR US-6183486-\$ DID. OR US-6206827-\$ DID. OR US-6213941-\$ DID. OR US-6254535-\$ DID. OR US-6290644-\$ DID. OR US-6306085-\$ DID. OR US-6315717-\$ DID. OR US-6328688-\$ DID. OR US-6334843-\$ DID. OR US-6346077-\$ DID. OR US-6350229-\$ DID. OR US-6364826-\$ DID. OR US-6371906-\$ DID. OR US-6379297-\$ DID. OR US-6755780-\$ DID. OR US-6849075-\$ DID. OR US-6905498-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 16:12
S77	8	DE-29708050-\$ DID. OR US-2140695-\$ DID. OR US-2214428-\$ DID. OR US-2233561-\$ DID. OR US-2267827-\$ DID. OR US-8704081-\$ DID. OR US-8800481-\$ DID. OR US-9403142-\$ DID. OR US-9414715-\$ DID. OR US-9501757-\$ DID. OR US-9600033-\$ DID. OR US-9811718-\$ DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 16:12
S78	127	S73 S74 S75 S76 S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 16:12

EAST Search History

S79	2	"6019722".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:10
S80	2	"5865730".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:10
S83	49	(articulating ADJ (link or arm)) SAME (sheath or sleeve) AND @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:32
S84	28	(articulating ADJ (link or arm)) WITH (sheath or sleeve) AND @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:36
S85	3	"09396047"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:36
S86	29	"09/396047"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 19:36
S87	24526	(128/897 128/898 128/899 600/16 600/36 600/37 600/103 600/114 600/121 600/125 600/127 600/129 600/153 600/160 600/201 600/204 600/205 600/210 600/213 600/215 600/216 600/217 600/218 600/219 600/227 600/228 600/229 600/230 600/231 600/232 600/233 600/234 600/235 604/164 604/264 604/272 604/280 606/2 606/7 606/13 606/14 606/15 606/16 606/32 606/41 606/129 606/139 606/167 606/185 606/191 606/232 606/233 606/234).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/18 14:54
S88	24526	S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/18 14:57
S89	105	S87 AND (vacuum or suction) AND (surgical or medical or surgery or operation or procedure) AND (tissue or organ or heart) AND (link or articulating or joint or mating) AND (sheath or sleeve) AND (seal or (o-ring) or (O adj ring)) AND ((cable or wire) WITH (tension))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/18 15:00

EAST Search History

S90	91	S87 AND (vacuum or suction) AND (surgical or medical or surgery or operation or procedure) AND (tissue or organ or heart) AND (link or articulating or joint or mating) AND (sheath or sleeve) AND (seal or (o-ring) or (O adj ring)) AND ((cable or wire) WITH (tension)) AND @ay<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/18 15:01
S91	205	(vacuum or suction) AND (surgical or medical or surgery or operation or procedure) AND (tissue or organ or heart) AND (link or articulating or joint or mating) AND (sheath or sleeve) AND (seal or (o-ring) or (O adj ring)) AND ((cable or wire) WITH (tension)) AND @ay<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/18 15:01
S92	171	(vacuum or suction) AND (surgical or medical or surgery or operation or procedure) AND (tissue or organ or heart) AND (link or articulating or joint or mating) AND (sheath or sleeve) AND (seal or (o-ring) or (O adj ring)) AND ((cable or wire) WITH (tension)) AND @ay<="2003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/18 15:01